



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Controllo Ambientale e Sicurezza

2122-3-E2702Q043

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#### Aims

Introduce students to the main issues of safety and environmental control, so that they can learn the theories and management and operational methods, arriving at knowing how \_\_\_\_\_

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- \_\_\_\_\_
- the methods for calculating the exposure and the level of risk
- the reference legislation

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at the end of the course the student will be able to:

- \_\_\_\_\_
- calculate the associated risk
- identify the most appropriate instrumentation and process control
- interface with the relevant legislation

#### Contents

Concepts of hazard and risk, their identification and measurement, impacts on human safety and the environment, reference regulations and reference to international standards.

## **Detailed program**

General concepts and principles: hazard, risk, environmental impact, prevention, protection, exposure, barriers, ALARP, safety culture, risk analysis, training and information

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## **Prerequisites**

Basic concepts on chemical plants, instrumentation and processes

## **Teaching form**

Frontal lesson with the help of slides provided to students

## **Textbook and teaching resource**

Slides provided to students

## **Semester**

3rd year, 2nd semester

## **Assessment method**

Oral interview on the topics covered in class

**Office hours**

On appointment

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